

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104179.D
 Acq On : 3 Apr 2018 13:56
 Operator : JU/SJ
 Sample : J2114-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032718-TIDO-E-U-S

Quant Time: Apr 03 15:37:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

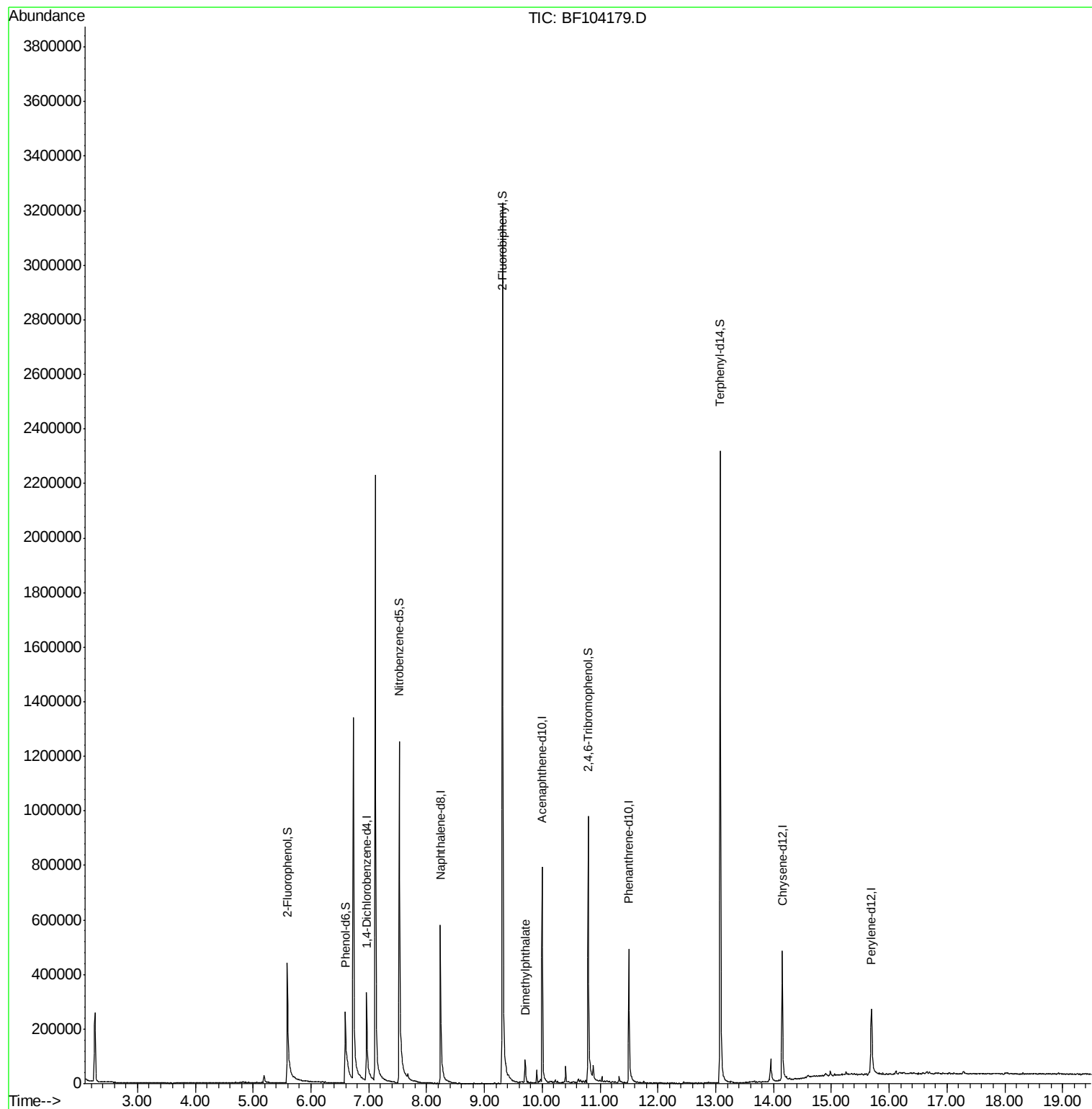
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96202	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	401287	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	176236	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	279225	20.00	ng	0.00
75) Chrysene-d12	14.15	240	222195	20.00	ng	0.00
86) Perylene-d12	15.70	264	164730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	280143	46.44	ng	0.00
7) Phenol-d6	6.59	99	232791	31.37	ng	0.00
23) Nitrobenzene-d5	7.53	82	690832	105.28	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	170677	86.97	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1285648	115.04	ng	0.00
78) Terphenyl-d14	13.08	244	971162	100.92	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	45781	3.290	ng	98

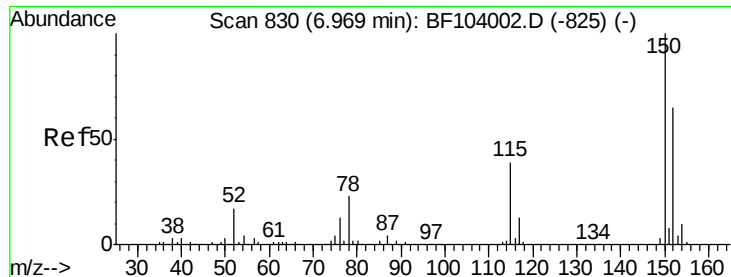
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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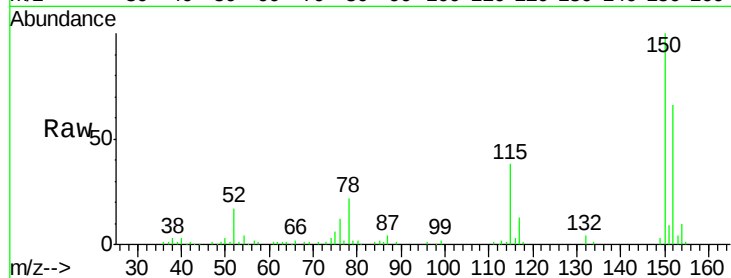


#1

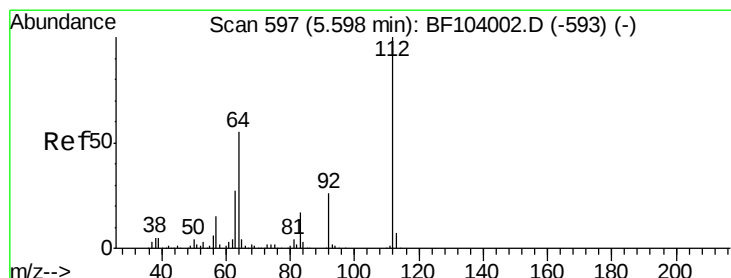
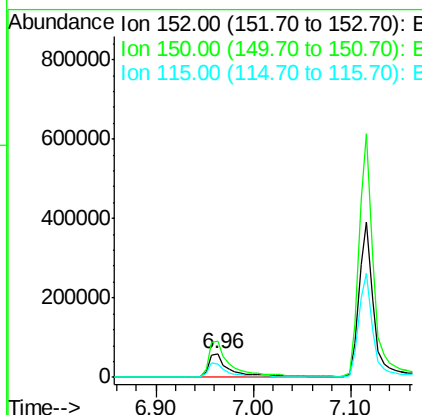
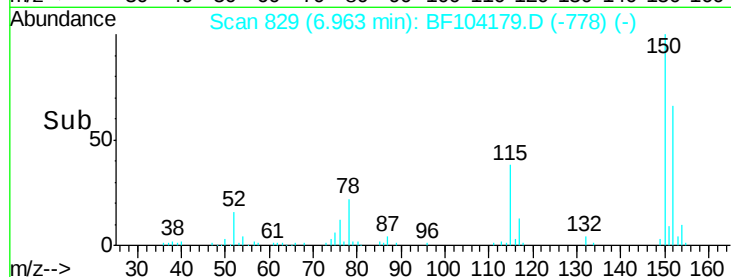
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104179.D
Acq: 3 Apr 2018 13:56

Instrument :
BNA_F
ClientSampleId :
032718-TIDO-E-U-S

Tot Ion:152 Resp: 96202
Ion Ratio Lower Upper
152 100
150 151.0 124.6 186.8
115 57.8 50.1 75.1



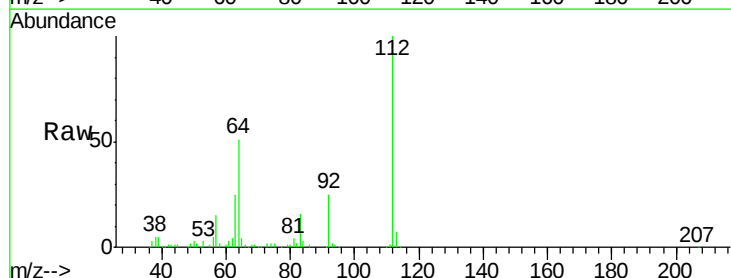
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



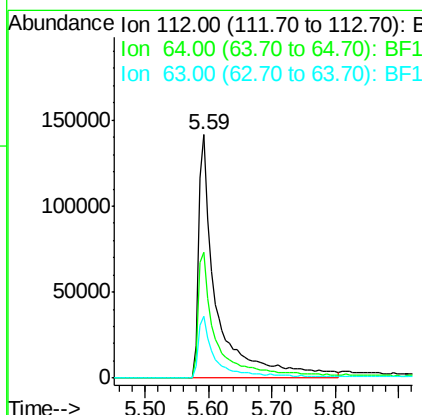
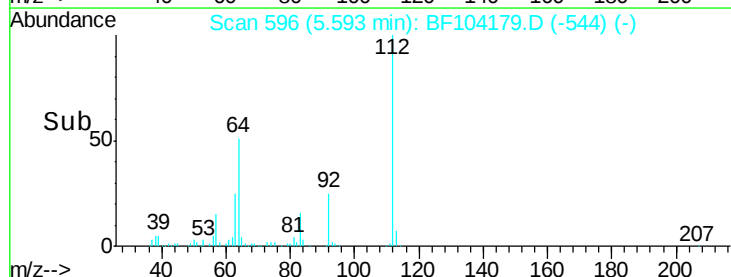
#5

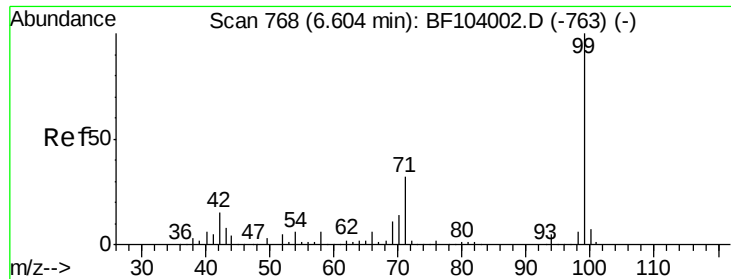
2-Fluorophenol
Concen: 46.440 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104179.D
Acq: 3 Apr 2018 13:56

Tgt Ion:112 Resp: 280143
Ion Ratio Lower Upper
112 100
64 51.4 47.9 71.9
63 25.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 31.366 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104179.D

Acq: 3 Apr 2018 13:56

Instrument :

BNA_F

ClientSampleId :

032718-TIDO-E-U-S

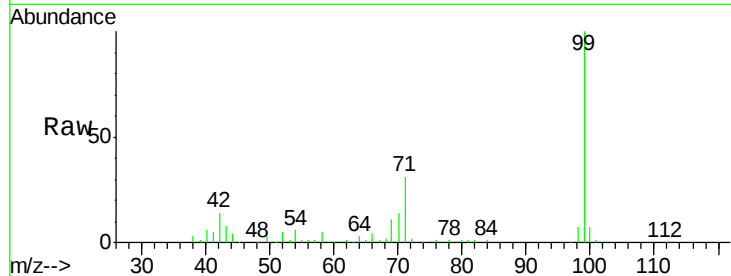
Tot Ion: 99 Resp: 232791

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

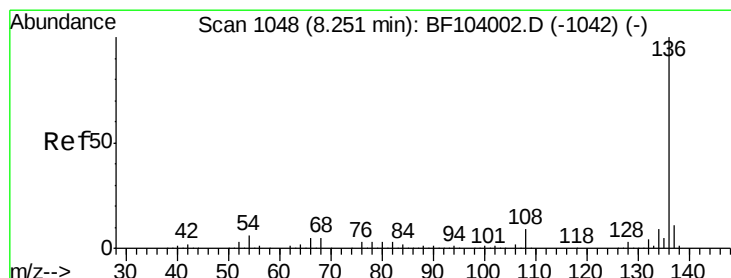
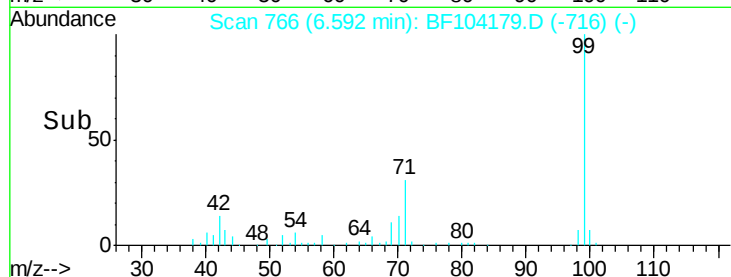
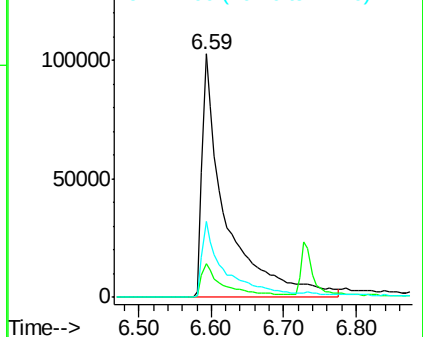
71 31.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104179.D

Acq: 3 Apr 2018 13:56

Tgt Ion: 136 Resp: 401287

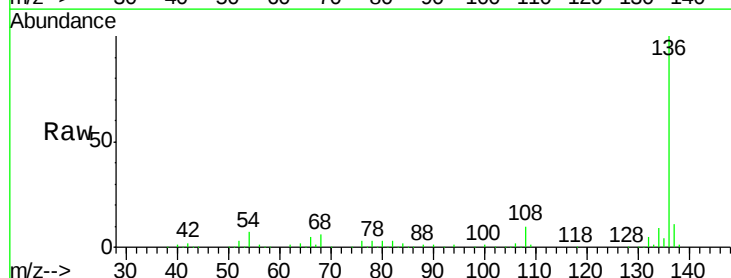
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

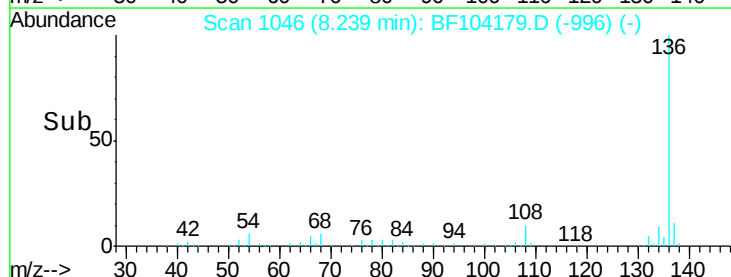
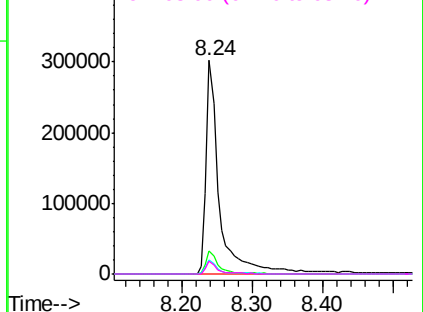


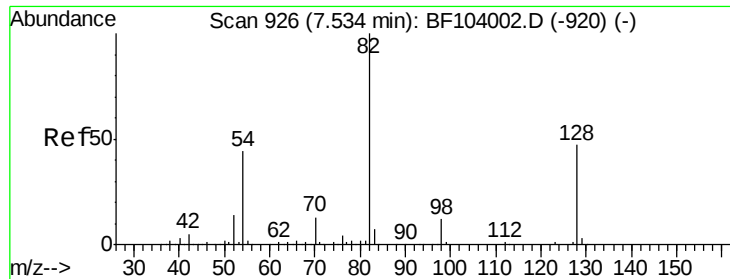
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

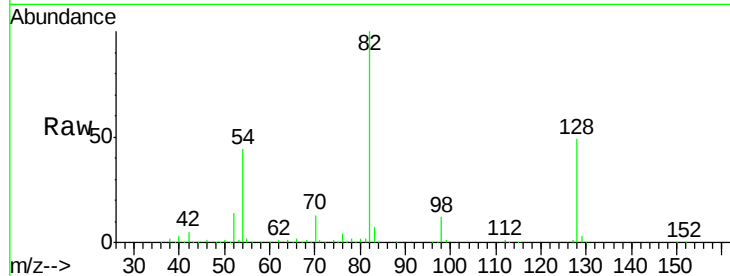




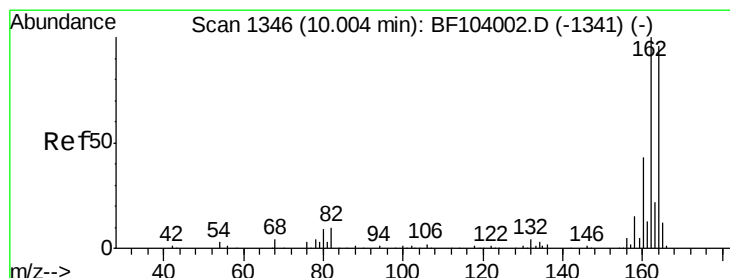
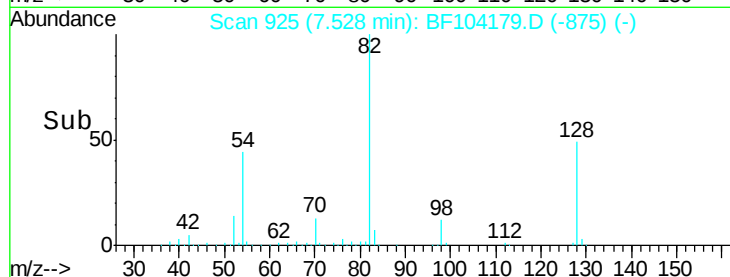
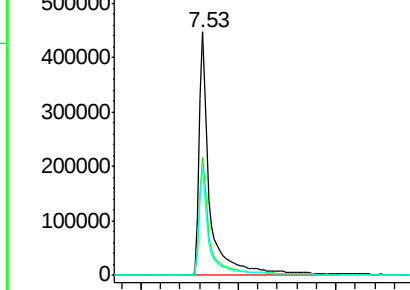
#23
 Nitrobenzene-d5
 Concen: 105.282 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104179.D
 Acq: 3 Apr 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 032718-TIDO-E-U-S

Tot Ion: 82 Resp: 690832
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.1 54.1
 54 43.8 41.4 62.2

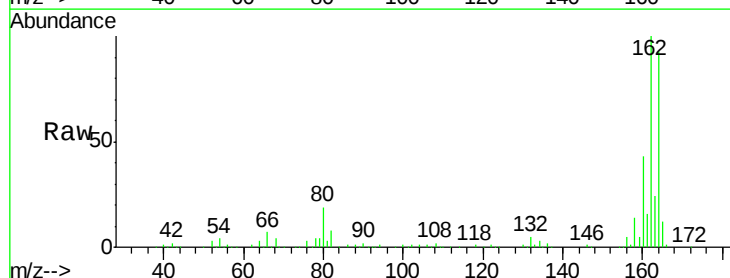


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

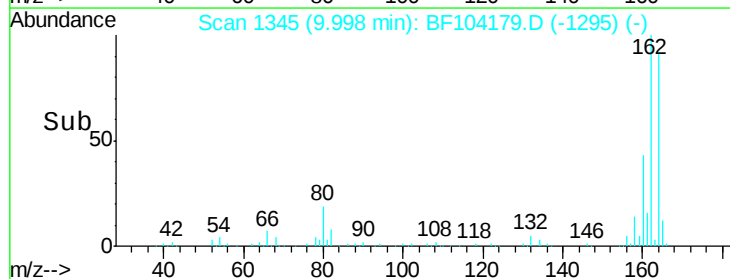
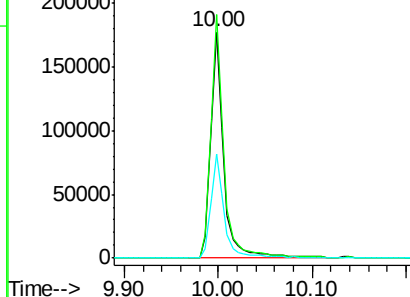


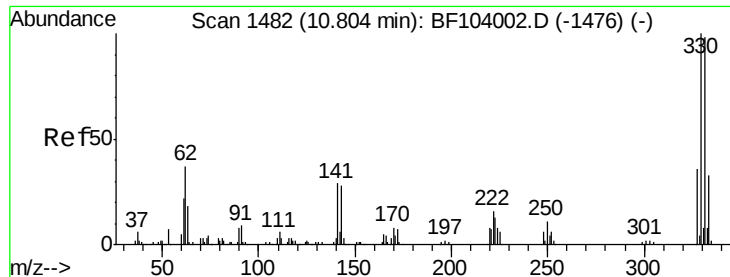
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104179.D
 Acq: 3 Apr 2018 13:56

Tgt Ion:164 Resp: 176236
 Ion Ratio Lower Upper
 164 100
 162 107.6 86.1 129.1
 160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 86.974 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF104179.D

Acq: 3 Apr 2018 13:56

Instrument :

BNA_F

ClientSampleId :

032718-TIDO-E-U-S

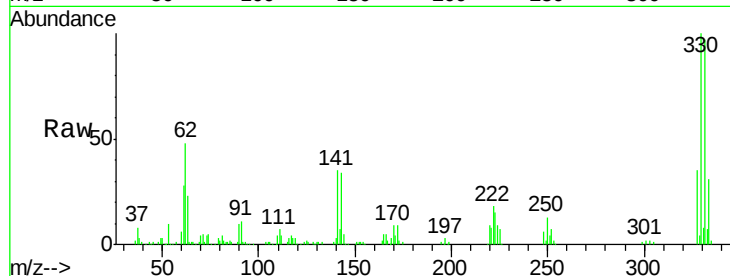
Tot Ion:330 Resp: 170677

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

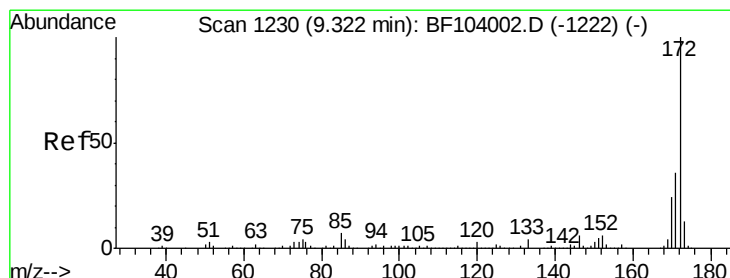
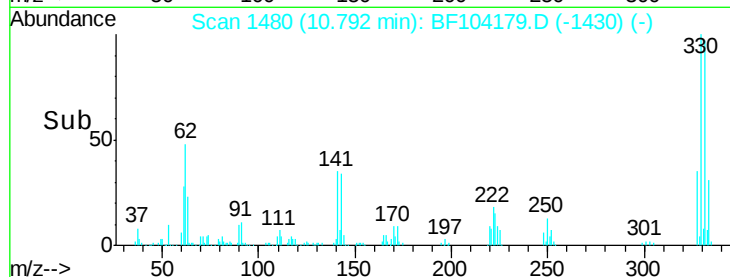
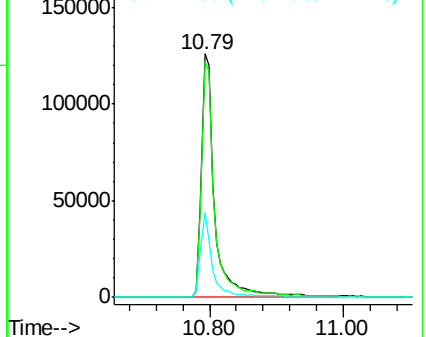
141 31.0 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 115.037 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BF104179.D

Acq: 3 Apr 2018 13:56

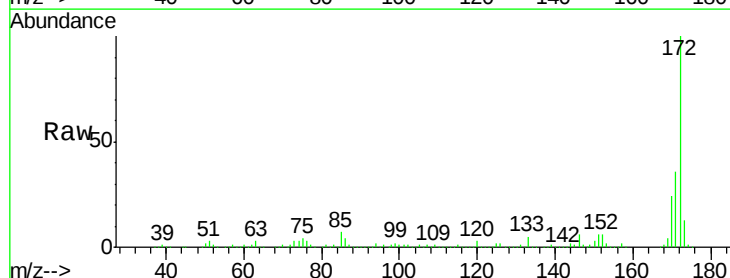
Tgt Ion:172 Resp: 1285648

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

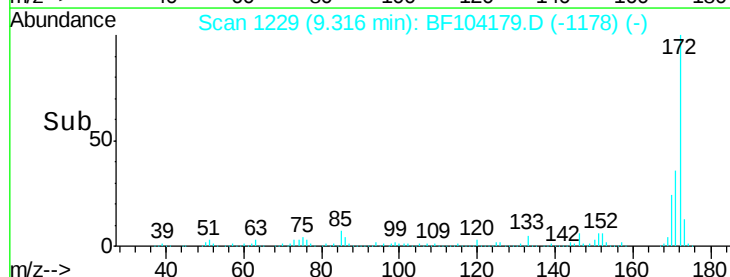
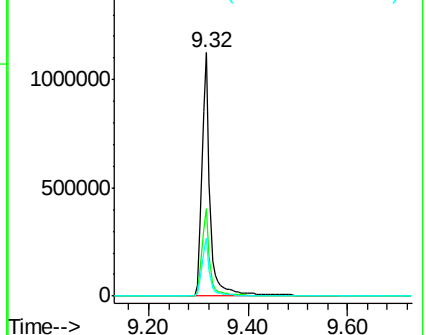
170 23.9 19.6 29.4

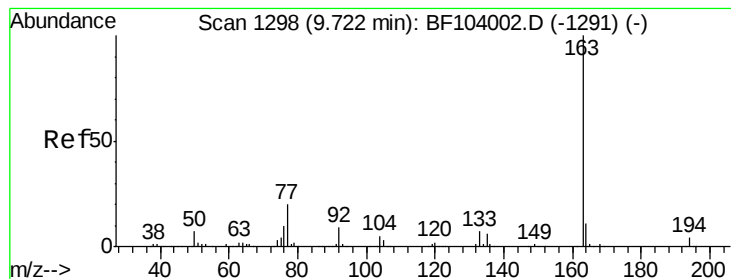


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.290 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104179.D

Acq: 3 Apr 2018 13:56

Instrument :

BNA_F

ClientSampleId :

032718-TIDO-E-U-S

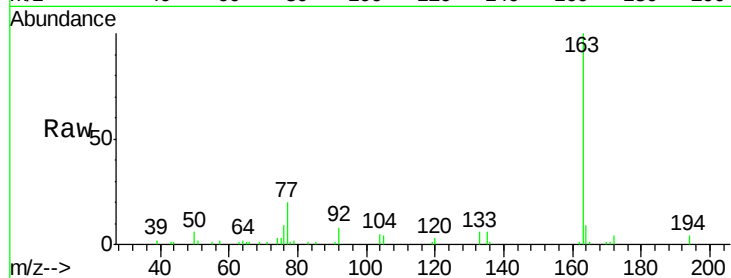
Tot Ion:163 Resp: 45781

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

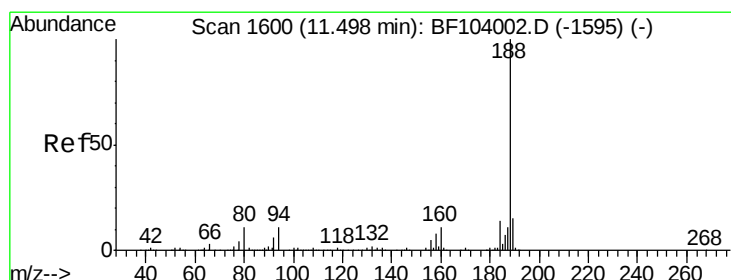
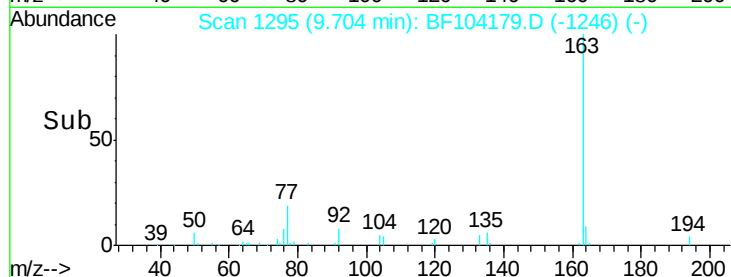
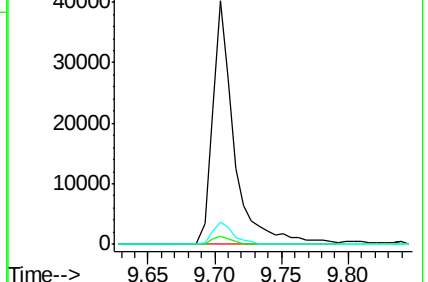
164 9.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104179.D

Acq: 3 Apr 2018 13:56

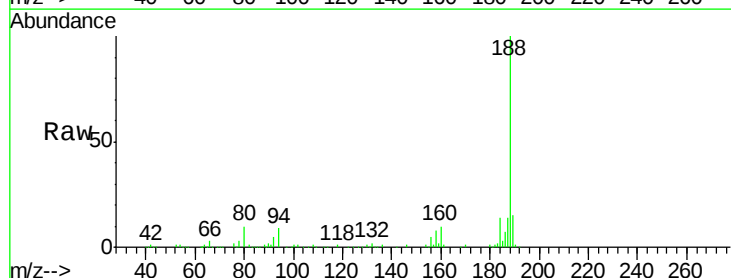
Tgt Ion:188 Resp: 279225

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

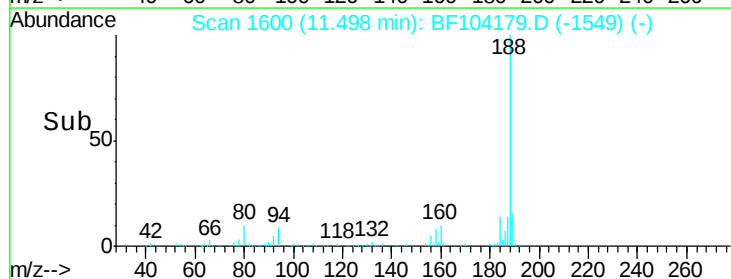
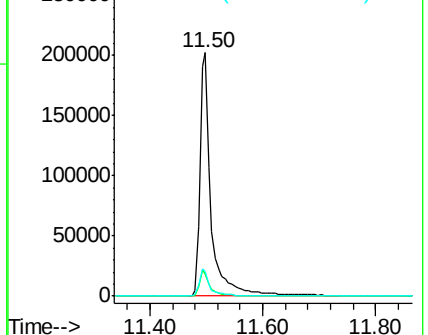
80 10.2 9.2 13.8

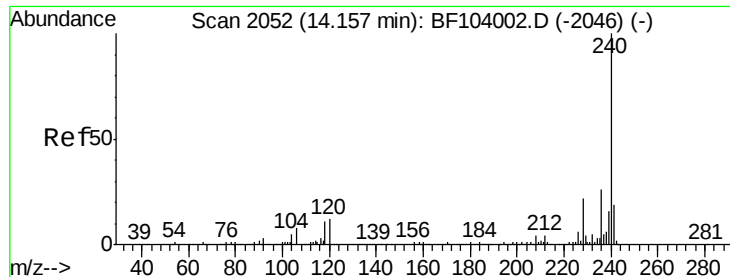


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104179.D

Acq: 3 Apr 2018 13:56

Instrument :

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ClientSampleId :

032718-TIDO-E-U-S

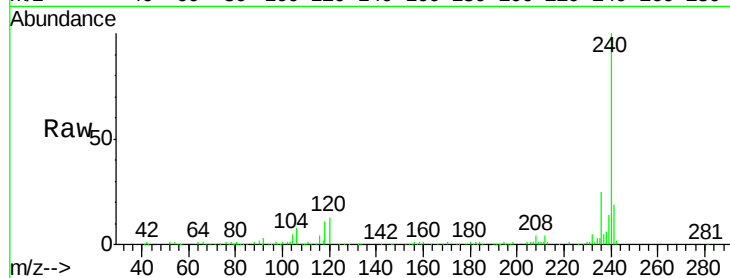
Tot Ion:240 Resp: 222195

Ion Ratio Lower Upper

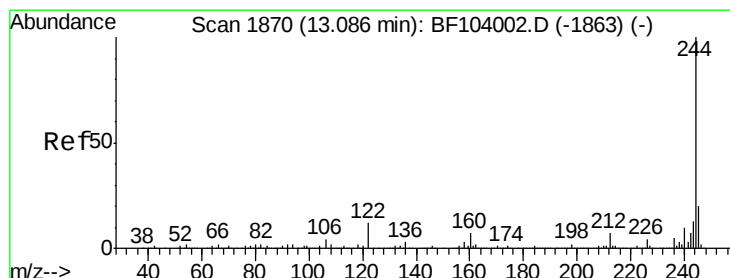
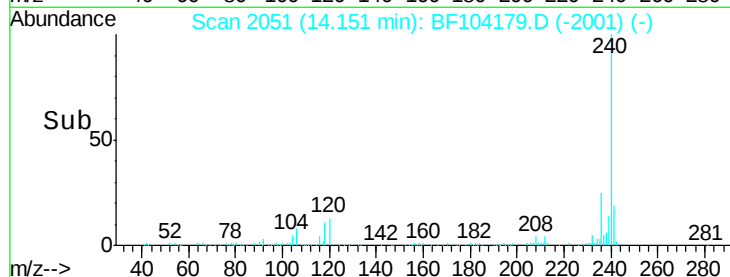
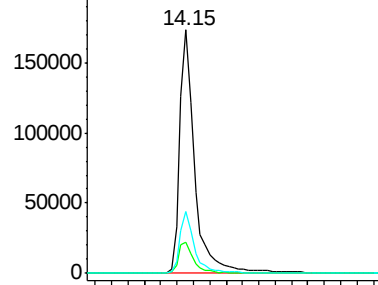
240 100

120 12.8 9.5 14.3

236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 100.919 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104179.D

Acq: 3 Apr 2018 13:56

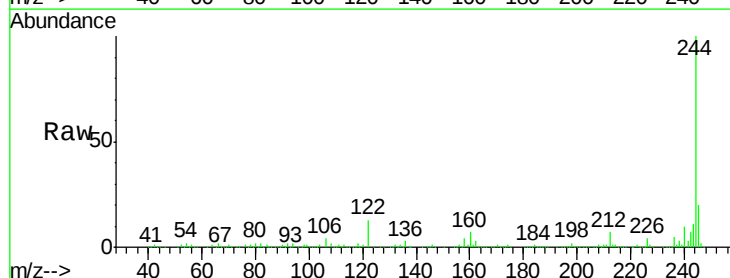
Tgt Ion:244 Resp: 971162

Ion Ratio Lower Upper

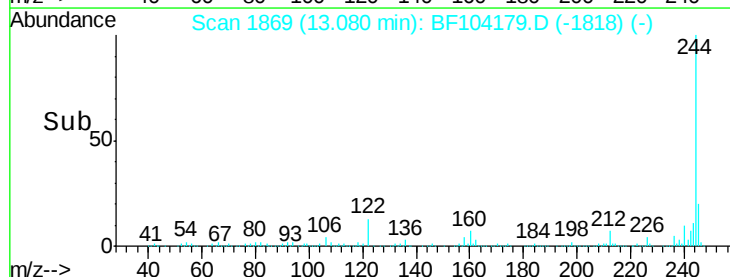
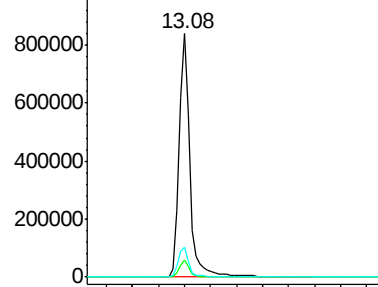
244 100

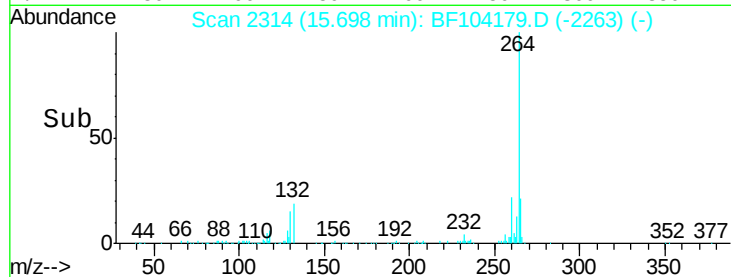
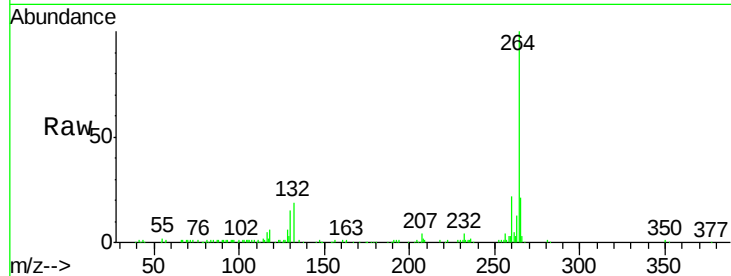
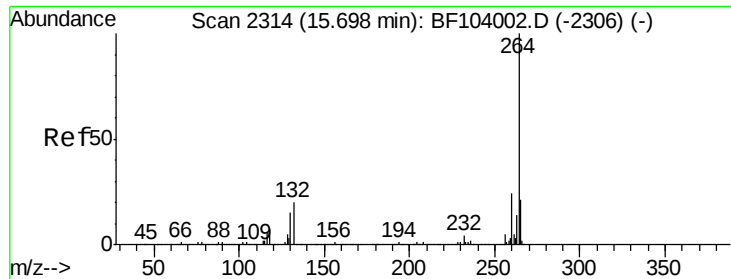
212 6.9 5.4 8.0

122 12.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104179.D
Acq: 3 Apr 2018 13:56

Instrument :
BNA_F
ClientSampleId :
032718-TIDO-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.0	17.5	26.3

